

## Exchange Rates - Worksheet

### Skill

#### Group A - Converting into foreign currency

Given that £1 = ¥150 Japanese yen convert each of the following into yen (¥)

- |          |           |            |
|----------|-----------|------------|
| 1) £2    | 2) £12    | 3) £140    |
| 4) £1980 | 5) £40.20 | 6) £387.90 |

Given that £1 = \$1.35 USD convert each of the following into USD (\$)

- |           |            |             |
|-----------|------------|-------------|
| 7) £4     | 8) £19     | 9) £170     |
| 10) £1490 | 11) £70.20 | 12) £987.87 |

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#### Group B - Converting into pounds

Given that £1 = ₹100 Indian rupee convert each of the following into pounds (£)

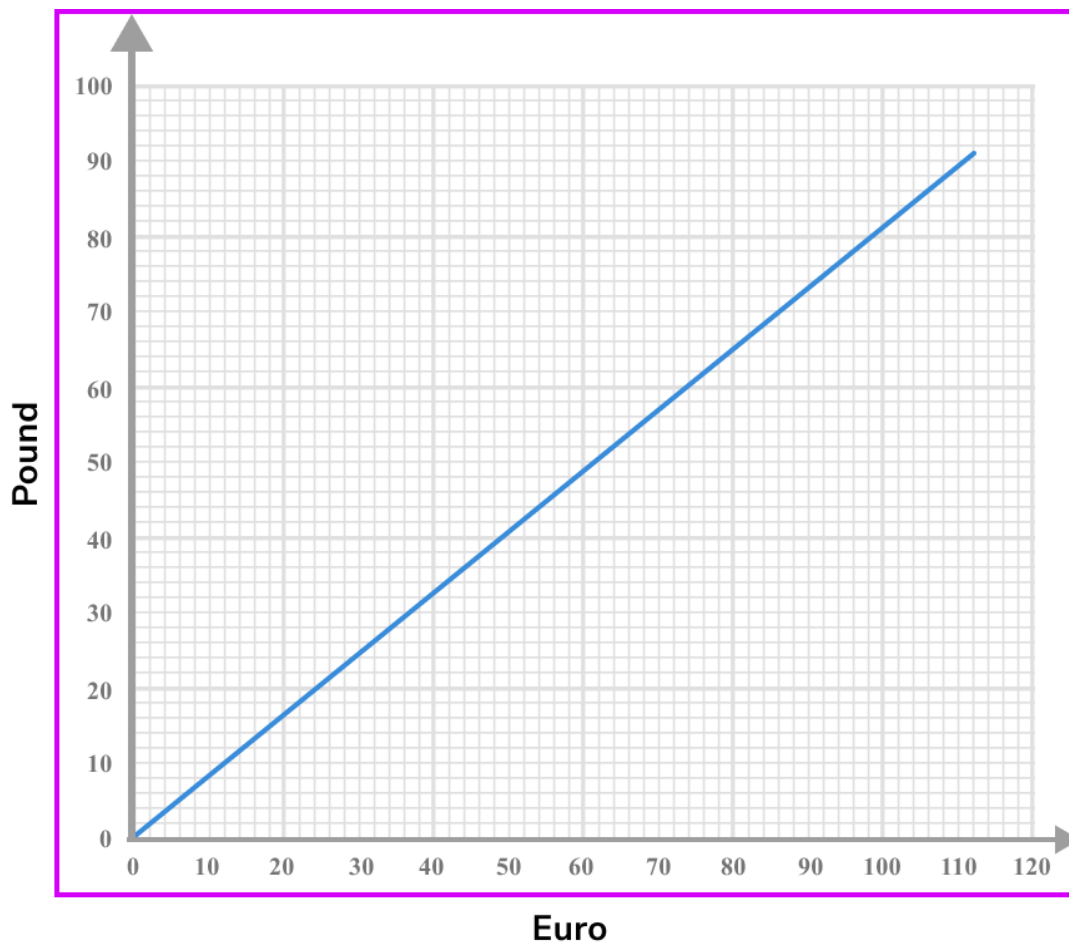
- |          |           |          |
|----------|-----------|----------|
| 1) ₹2000 | 2) ₹12000 | 3) ₹450  |
| 4) ₹40   | 5) ₹38.20 | 6) ₹3.78 |

Given that £1 = \$1.71 Canadian dollars convert each of the following into pounds (£)

- |            |             |              |
|------------|-------------|--------------|
| 7) \$20    | 8) \$43     | 9) \$450     |
| 10) \$1970 | 11) \$40.20 | 12) \$987.97 |
-

## Exchange Rates - Worksheet

### Group C - Conversion graphs









Using the graph above, answer the questions below:

- 1) Convert €20 into pounds.
  - 2) Convert £30 into euros.
  - 3) Convert €95 into pounds.
  - 4) Convert £45 into euros.
  - 5) Convert €120 into pounds.
  - 6) Convert £250 into euros.
-

## Exchange Rates - Worksheet

### Applied

- 1) (a) In the USA a mobile phone costs \$630. The same mobile phone costs £480 in England. Given that the current exchange rate is  $\text{£}1 = 1.35 \text{ USD}$ , where is the mobile phone cheaper?
- (b) How much cheaper is the mobile phone in one country compared to the other?
- 2) (a) Chloe is flying home from Germany. She buys some food and drink on the plane.

Price List	
	Crisps €2
	Chocolate Bar €1.50
	Pretzels €3.50
	Bottled water €1.70
	Tea €2
	Juice €1.80

Chloe buys 2 chocolate bars, pretzels and a bottle of water. The exchange rate is  $\text{£}1 = \text{€}1.17$  Euros. Work out the cost of her bill in £.

- (b) If she pays with a £10 note, what is her change in euros?
- 3) (a) Sally is going on holiday to Singapore.

The bank only stocks \$100 SGD notes.

Sally only wants to exchange up to £550 into Singapore dollars.

She wants to get as many \$100 SGD notes as possible.

The current exchange rate is  $\text{£}1 = \$1.85 \text{ SGD}$ .

How many pounds should she exchange to get the maximum number of \$100 notes?

- 4) (a) Farah is going on holiday to Japan. She changes £20 into ¥3005. Complete the table below.

Japanese Yen (¥)		¥1000		¥8500	
Pound Sterling (£)	£40		£200		£957

## Exchange Rates - Exam Questions

- 1) (a) Sarah is going on holiday to Canada. The exchange rate is  $\text{£}1 = \$1.71$ .

She exchanges  $\text{£}450$  into Canadian dollars. How many Canadian dollars should she get?

.....  
(2)

- (b) After her holiday Sarah exchanges  $\$280$  back into pounds. The exchange rate is  $\text{£}1 = \$1.71$ .

How many pounds does she get back?

.....  
(2)  
(4 marks)

- 
- 2) (a) Paula and Jim are going on holiday to Italy. The exchange rate is  $\text{£}1: \text{€}1.18$ . They exchange  $\text{£}900$ .

How many euros will they get?

.....  
(2)

- (b) In Italy Paula and Jim see a new tablet costing  $\text{€}690$ .  
The same tablet in England is  $\text{£}596$ .

Where is it cheaper to buy the tablet?

.....  
(2)  
(4 marks)

## Exchange Rates - Exam Questions

- 3) (a) Ella went to the United Arab Emirates. The exchange rate is  $\text{£}1 = 5 \text{ AED}$ . She exchanged  $\text{£}650$  into *AED*.

How many dirhams did she get?

.....  
(2)

- (b) Ella went shopping in the United Arab Emirates.

She bought

3 pairs of jeans costing 95 AED each

2 purses costing 40 AED each

A scarf costing 49 AED

What was her total bill in pounds?

.....  
(3)  
(5 marks)

- 
- 4) (a) Salma got offered two different jobs with telecommunications companies in different cities. She has the option to select which city she would like to work.

A job in Milan offers €70,000 per year

A job in Toronto offers \$102,900 per year

The exchange rates are  $\text{£}1 = \text{€}1.18$  and  $\text{£}1 = \$1.72 \text{ CDN}$ .

Which job has the higher salary?

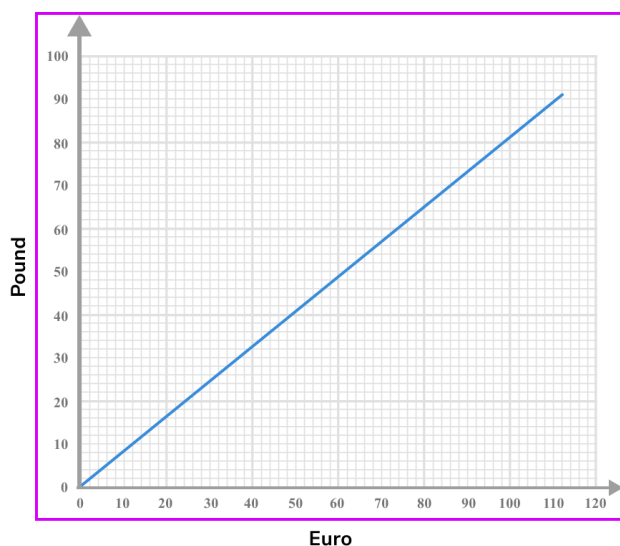
.....  
(3 marks)

## Exchange Rates - Answers

	Question	Answer
	Skill Questions	
Group A	<p>Given that £1 = ¥150 Japanese yen convert each of the following into yen (¥)</p> <p>1) £2 2) £12 3) £140 4) £1980 5) £40.20 6) £387.90</p> <p>Given that £1 = \$1.35 USD convert each of the following into USD (\$)</p> <p>7) £4 8) £19 9) £170 10) £1490 11) £70.20 12) £987.87</p>	<p>1) £300 2) £1800 3) £21000 4) £297000 5) £6030 6) £58185</p> <p>7) \$5.40 8) \$25.65 9) \$229.50 10) \$2011.50 11) \$94.77 12) \$1333.62</p>
Group B	<p>Given that £1 = ₹100 Indian rupee convert each of the following into pounds (£)</p> <p>1) ₹2000 2) ₹12000 3) ₹450 4) ₹40 5) ₹38.20 6) ₹3.78</p> <p>Given that £1 = \$1.71 Canadian dollars convert each of the following into pounds (£)</p> <p>7) \$20 8) \$43 9) \$450 10) \$1970 11) \$40.20 12) \$987.97</p>	<p>1) £20 2) £120 3) £4.50 4) 40p 5) 38p 6) 4p</p> <p>7) £11.70 8) £25.15 9) £263.16 10) £1152.05 11) £23.51 12) £577.76</p>

## Exchange Rates - Answers



















Group C



Using the graph above, answer the questions below:

- |                              |         |
|------------------------------|---------|
| 1) Convert €20 into pounds.  | 1) £17  |
| 2) Convert £30 into euros.   | 2) €37  |
| 3) Convert €95 into pounds.  | 3) £77  |
| 4) Convert £45 into euros.   | 4) €55  |
| 5) Convert €120 into pounds. | 5) £98  |
| 6) Convert £250 into euros.  | 6) €305 |

## Exchange Rates - Answers

	Question	Answer												
	Applied Questions													
1)	<p><b>a)</b> In the USA a mobile phone costs \$630. The same mobile phone costs £480 in England. Given that the current exchange rate is £1 = 1.35 USD, where is the mobile phone cheaper?</p> <p><b>b)</b> How much cheaper is the mobile phone in one country compared to the other?</p>	<p><b>a)</b> It is cheaper in the United States.</p> <p><b>b)</b> \$18 cheaper</p>												
2)	<p><b>a)</b> Chloe is flying home from Germany. She buys some food and drink on the plane.</p> <div><p>Price List</p><table><tr><td></td><td>Crisps €2</td></tr><tr><td></td><td>Chocolate Bar €1.50</td></tr><tr><td></td><td>Pretzels €3.50</td></tr><tr><td></td><td>Bottled water €1.70</td></tr><tr><td></td><td>Tea €2</td></tr><tr><td></td><td>Juice €1.80</td></tr></table></div> <p>Chloe buys 2 chocolate bars, pretzels and a bottle of water. The exchange rate is £1 = €1.17 Euros. Work out the cost of her bill in £.</p> <p><b>b)</b> If she pays with a £10 note, what is her change in euros?</p>		Crisps €2		Chocolate Bar €1.50		Pretzels €3.50		Bottled water €1.70		Tea €2		Juice €1.80	<p><b>a)</b> <math>2 \times \text{€}1.50</math> <math>1 \times \text{€}3.50</math> <math>1 \times \text{€}1.70</math> <math>= \text{€}8.20</math></p> <p><math>8.20 / 1.17 = \text{£}7.01</math></p> <p><b>b)</b> Her change was <math>\text{£}2.99 \times 1.17 = \text{€}3.50</math></p>
	Crisps €2													
	Chocolate Bar €1.50													
	Pretzels €3.50													
	Bottled water €1.70													
	Tea €2													
	Juice €1.80													
3)	<p>Sally is going on holiday to Singapore. The bank only stocks \$100 SGD notes. Sally only wants to exchange up to £550 into Singapore dollars. She wants to get as many \$100 SGD notes as possible. The current exchange rate is £1 = \$1.85 SGD.</p> <p>How many pounds should she exchange to get the maximum number of \$100 notes?</p>	<p><math>550 \times 1.85 = 1017.5</math></p> <p>Maximum number of notes she can get is 10 to get \$1000 SGD.</p> <p><math>1000 \div 1.85 = \text{£}540.54</math></p>												
4)	<p>Farah is going on holiday to Japan. She changes £20 into ¥3005. Complete the table below.</p> <table><tr><td>Japanese Yen (¥)</td><td></td><td>¥1000</td><td></td><td>¥8500</td><td></td></tr><tr><td>Pound Sterling (£)</td><td>£40</td><td></td><td>£200</td><td></td><td>£957</td></tr></table>	Japanese Yen (¥)		¥1000		¥8500		Pound Sterling (£)	£40		£200		£957	<p>£1 = 150.25 ¥6010 £6.66 ¥30050 £56.57 ¥143789.25</p>
Japanese Yen (¥)		¥1000		¥8500										
Pound Sterling (£)	£40		£200		£957									



## Exchange Rates - Mark Scheme

	Question	Answer	
	Exam Questions		
<b>1) (a)</b>	Sarah is going on holiday to Canada. The exchange rate is £1 = \$1.71. She exchanges £450 into Canadian dollars. How many Canadian dollars should she get?	<b>(a)</b> $450 \times 1.71$ seen \$769.50 CDN seen	<b>(1)</b> <b>(1)</b>
<b>(b)</b>	After her holiday Sarah exchanges \$280 back into pounds. The exchange rate is £1=\$1.71. How many pounds does she get back?	<b>(b)</b> $280 \div 1.71$ £163.74	<b>(1)</b> <b>(1)</b>
<b>2) (a)</b>	Paula and Jim are going on holiday to Italy. The exchange rate is £1=€1.18 They exchange £900. How many euros will they get?	<b>(a)</b> $900 \times 1.18$ seen €1062 seen	<b>(1)</b> <b>(1)</b>
<b>(b)</b>	In Italy Paula and Jim see a new tablet costing €690. The same tablet in England is £596. Where is it cheaper to buy the tablet?	<b>(b)</b> $596 \times 1.18$ seen €703.28 seen It is cheaper to buy the tablet in Italy	<b>(1)</b> <b>(1)</b> <b>(1)</b>
<b>3) (a)</b>	Ella went to the United Arab Emirates. The exchange rate is £1 = 5 AED. She exchanged £650 into AED. How many dirhams did she get?	<b>(a)</b> $650 \times 5$ seen 3250 AED seen	<b>(1)</b> <b>(1)</b>
<b>(b)</b>	Ella went shopping in the United Arab Emirates. She bought 3 pairs of jeans costing 95 AED each 2 purses costing 40 AED each A scarf costing 49 AED What was her total bill in pounds?	<b>(b)</b> $(3 \times 95) + (2 \times 40) + 49$ 414 AED $414 \div 5 = £82.80$	<b>(1)</b> <b>(1)</b> <b>(1)</b>

## Exchange Rates - Mark Scheme

<b>4) (a)</b>	<p>Salma got offered two different jobs with telecommunications companies in different cities. She has the option to select which city she would like to work.</p> <p>A job in Milan offers €70,000 per year A job in Toronto offers \$102,900 per year</p> <p>The exchange rates are £1 = €1.18 and £1 = \$1.72 CDN.</p> <p>Which job has the higher salary?</p>	<p><b>(a)</b> Milan <math>70000 \div 1.18 = £59,322.03</math> Toronto <math>102900 \div 1.72 = £59,825.58</math> The job in Toronto has a higher salary.</p>	<p><b>(1)</b> <b>(1)</b> <b>(1)</b></p>
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